

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/456,300	HASEGAWA, TAKASHI	
	<b>Examiner</b>	<b>Art Unit</b>	
	Christopher Onuaku	2616	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed 7/25/05.
2. ☒ The allowed claim(s) is/are 1-18 (now renumbered 1,2,5-8,11-13,3,4,9,10&14-18, respectively).
3. ☒ The drawings filed on 08 December 1999 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment                               |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|   | 9. <input type="checkbox"/> Other _____.   |

## **DETAILED ACTION**

### ***Continued Examination Under 37 CFR 1.114***

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 7/25/05 has been entered.

### ***Allowable Subject Matter***

2. Claims 1-18 are allowable over the prior art of record.
3. The following is a statement of reasons for the indication of allowable subject matter:

Regarding claim 1, the invention relates to an automatic broadcast program recorder adapted to automatic recording of a television program digitally broadcast, wherein keywords characterizing a program to be recorded are preliminarily designed, a reservation table of programs as candidates to be recorded is created by checking program information with the keywords each time the program information is updated,

and video data of the program as a recording candidate is automatically recorded at the start time of the program stored in the reservation table.

The closets references Berstis et al (US 6,212,327) disclose utilizing a computer to control record programming in remote controlled record/playback devices in connection with a server push mechanism, Yoshinobu et al (US 5,686,954) teach a program information broadcasting system for broadcasting information of the kinds of each of programs to be broadcast and information of elements included in a program such as a performer, a program information display method for receiving the program information broadcast by the broadcasting system and display the same on a display screen, as well as a receiving device such as a television receiver, and Kinebuchi (US 5,802,244) teaches a video recording device constructed such that a user can reserve a desired program from some TV broadcasting programs and record the program automatically.

However, Berstis et al, Yoshinobu et al and Kinebuchi fail to explicitly disclose an automatic broadcast program recorder for automatically selecting and recording desired video data from a plurality of broadcast programs where automatic broadcast program recorder comprises wherein the keyword storing means stores the keywords so as to be associated with a reservation identifier which is different from information of the broadcast program information and which is used to identify a set of at least one program that satisfies a condition related to the keywords.

Regarding claim 3, the invention relates to an automatic broadcast program recorder adapted to automatic recording of a television program digitally broadcast, wherein keywords characterizing a program to be recorded are preliminarily designed, a reservation table of programs as candidates to be recorded is created by checking program information with the keywords each time the program information is updated, and video data of the program as a recording candidate is automatically recorded at the start time of the program stored in the reservation table.

The closets references Berstis et al (US 6,212,327) disclose utilizing a computer to control record programming in remote controlled record/playback devices in connection with a server push mechanism, Yoshinobu et al (US 5,686,954) teach a program information broadcasting system for broadcasting information of the kinds of each of programs to be broadcast and information of elements included in a program such as a performer, a program information display method for receiving the program information broadcast by the broadcasting system and display the same on a display screen, as well as a receiving device such as a television receiver, and Kinebuchi (US 5,802,244) teaches a video recording device constructed such that a user can reserve a desired program from some TV broadcasting programs and record the program automatically.

However, Berstis et al, Yoshinobu et al and Kinebuchi fail to explicitly disclose an automatic broadcast program recorder where automatic broadcast program recorder comprises wherein the keywords entered from the data entry means are stored so as to be associated with the reservation identifier into the memory and the video data stored

in the storing means in association with the reservation identifier, and wherein the reservation identifier is different from information of the broadcast program information and which is used to identify a set of at least one program that satisfies a condition related to the keywords.

Regarding claim 7, the invention relates to an automatic broadcast program recorder adapted to automatic recording of a television program digitally broadcast, wherein keywords characterizing a program to be recorded are preliminarily designed, a reservation table of programs as candidates to be recorded is created by checking program information with the keywords each time the program information is updated, and video data of the program as a recording candidate is automatically recorded at the start time of the program stored in the reservation table.

The closets references Berstis et al (US 6,212,327) disclose utilizing a computer to control record programming in remote controlled record/playback devices in connection with a server push mechanism, Yoshinobu et al (US 5,686,954) teach a program information broadcasting system for broadcasting information of the kinds of each of programs to be broadcast and information of elements included in a program such as a performer, a program information display method for receiving the program information broadcast by the broadcasting system and display the same on a display screen, as well as a receiving device such as a television receiver, and Kinebuchi (US 5,802,244) teaches a video recording device constructed such that a user can reserve a

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desired program from some TV broadcasting programs and record the program automatically.

However, Berstis et al, Yoshinobu et al and Kinebuchi fail to explicitly disclose an automatic broadcast program recorder where automatic broadcast program recorder comprises wherein the control processor comprises a first program for storing keywords entered from the data entry means into a first table formed on a memory so as to be associated with a reservation identifier, where the reservation identifier is different from information of the broadcast program information and which is used to identify a set of at least one program that satisfies a condition related to the keywords.

### ***Conclusion***

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Christopher Onuaku whose telephone number is 571-272-7379. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Groody can be reached on 571-272-7950. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

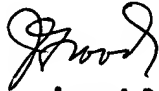
NOTE: Effective July 15, 2005, the Central Fax Number will change to 571-273-8300.

Faxes sent to the old number (703-872-9306) will be routed to the new number until September 15, 2005.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

COO  
8/27/05

  
**James J. Groody**  
Supervisory Patent Examiner  
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